



## ***Fleet Vehicle and Equipment Specification***

Specification # - SDN-FL (F) (2-5-2015)

SDN-FL-PL (F)

### **Full Size SEDAN Pursuit Rated**

#### **Ford Taurus**

**\*NOTE - The following specification is the minimum requirements only. The actual awarded vehicle may include features and options that exceed the specification.**

### **Scope**

This specification details The State of North Carolina's requirement for a full size, pursuit rated, four (4) door sedan. The full size, four (4) door sedan and all required options will be designed and assembled in accordance with all applicable industry standards and comply with all governmental regulations as they apply to the operation of the vehicle described in this specification. This vehicle will be used for general transportation of personnel associated with the operation of a government business and specifically those associated with law enforcement. .

### **BASE SPECIFICATIONS:**

#### **General**

Wheelbase - 112 - 117 in.  
Length (overall) - 200 - 205 in.  
Weight - 3,4800 - 4,000 lbs.  
Rated passenger capability - 5  
Towing capacity - N/A

#### **Engine**

3.5L DOHC, V6, 24 valve or equivalent  
288 HP @ 6,500 RPM (net SAE)  
254 lb.-ft @ 4,000 RPM (net SAE)  
Stainless steel exhaust  
Fuel - Unleaded regular 87 octane or E85  
Cooling system, heavy duty, automatic coolant recovery system with permanent type anti-freeze protected to -20 degrees F with rust inhibitor. Include silicone or neoprene type hoses.  
External oil cooler (if OEM available)  
Engine hour meter

#### **Transmission**

Automatic - Electronic six (6) speed  
Front axle ratio - 2.77  
Electronic stability control (Advance Trac® with RSC) or equivalent

#### **Brakes**

Front - Disc-vented; Rear - Disc  
ABS (Antilock brake system) four (4) wheel - 4 ABS channels  
ABS driveline traction control

#### **Electrical**

Battery - 750 CCA/72 Am-hr. with "rundown" protection  
Alternator - 220 Amp  
Coil-on-plug type ignition

#### **Tires**

Tires, five (5), tubeless, radial, black sidewall, all-season tread, P245/55R18, W rated, approved and certified for pursuit use on the specific model and configuration of vehicle offered. Goodyear RS-A only.  
Spare - Full size mounted in trunk

#### **Wheels**

Front/Rear - 18.0" X 7.50" steel, painted (5)  
Full wheel covers

#### **Interior Equipment**

Air conditioning

Seats: Bucket cloth front with driver's side power adjustable, 6-way and console mounting plate. Rear bench type vinyl. Front seat construction shall be fully suitable for law enforcement work by the Highway Patrol during normal 8 hour shifts with sufficient comfort and support with integrated anti-stab plates.

Color: charcoal

Driver & passenger head protection air bags

Occupancy sensor

Driver's and passenger's supplemental inflatable restraint system (air bags) as mandated by NHTSA at the time of production.

Seat belts to be manufacturers production standard for both front and rear passengers.

Radio, manufacturer's standard AM/FM stereo with front and rear speakers and CD player

Power steering (external oil cooler if available from OEM)

Cruise control

Tilt steering

Speedometer, certified calibrated speedometer (2 MPH increments) (max. 3% error). Approx. 0-140 MPH indicator

Three (3) keys for each vehicle. Each vehicle to be keyed individually. Manufacturer-furnished blank for third key may be cut by dealer.

Keyless entry, two (2) electronic key fobs.

Mirrors, inside with day/night adjustment

Power door locks - All four (4) doors with rear doors inoperable from inside

Clock - Dash mounted

Trunk - Standard floor cover

Dome light and map/reading light. One such light is to be LED and driver selectable for off-red-white operation and may in addition (but not in lieu of) be switched on-off by a door-actuated control Other light is to be activated (on-off) by a door-actuated switch and may in addition (but not in lieu of) be switched on-off by a driver operated control.

Glove compartment light and door lock

Power windows with driver express down

Floor covering, carpet, color keyed, front and rear with color keyed scuff plates. Removable floor mats are NOT required, and may be deleted if standard equipment.

Luggage compartment light

Remote controlled rear deck lid release. Control to be within convenient reach of driver (not in glove box). Preferred location is left of the steering column. Remote release to be inoperable when ignition switch is in off position. Remote release switch must be properly mounted, durable, and fully suited for law enforcement duty including operation during emergency conditions.

Remote hood release, inside

12v DC power outlets (2)

Low Tire Pressure Warning (TPMS)

Electric rear window defogger

**Exterior Equipment**

Color - White (manufacturer's standard)  
Variable intermittent front windshield wipers  
Undercarriage deflector plates  
Halogen type head lights  
Rear window defroster, electric (not blower type) with control within convenient reach of driver and clearly marked  
Dual exterior mirrors, remote controlled on left and right side  
Fuel tank - 19.0 gal.

**Emissions**

ULEV II

**OTHER:**

Speed and acceleration test to be certified by Michigan State Police vehicle evaluation program  
Paint, all manufacturer's standard and clear coat solid colors to be included in the bid price for the base vehicle

**Warranty**

Bumper to Bumper - 36 month/36,000 miles (Basic)  
Powertrain - 60 month/60,000 miles  
Corrosion Perforation - 60 month/unlimited distance  
Roadside Assistance - 60 month/60,000 miles  
Safety Restraint System - 60 month/60,000 miles

**Approved Configurations****SDN-FL-PL-AWD**

All wheel drive version of Ford Taurus pursuit rated vehicle

**Approved Options**

CNG/LPG fuel capability - Requirement for engine only capability. Storage, fuel lines  
FFV (Flexible Fuel Vehicle) capable engine (E85)

**Engine (1)**

3.7L DOHC,V6, 24 valve or equivalent  
305 HP @ 6,500 RPM (net SAE)  
279 lb.-ft @ 4,000 RPM (net SAE)  
Stainless steel exhaust  
Fuel - Unleaded regular 87 octane or E85

**Trunk Upfit**

Trunk upfit package #854 to include electronics tray, circulation fan, rear console plate and wiring harness

**Trunk Upfit**

Light controller package #855 including "Trunk Upfit Package #854" plus control system (PCCBR controller, control head and wire)

**Engine (2)**

3.5L DOHC,V6, EcoBoost ®, 24 valve or equivalent  
365 HP @ 5,500 RPM (net SAE)  
350 lb.-ft @ 1,500 - 5000 RPM (net SAE)  
Stainless steel exhaust  
Fuel - Unleaded regular 87 octane or E85

